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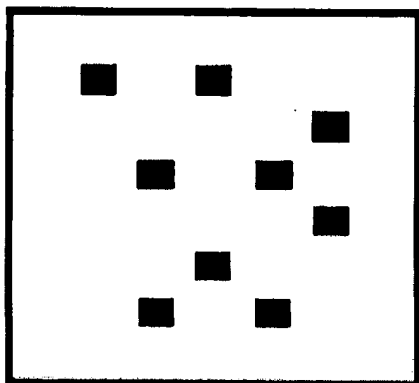
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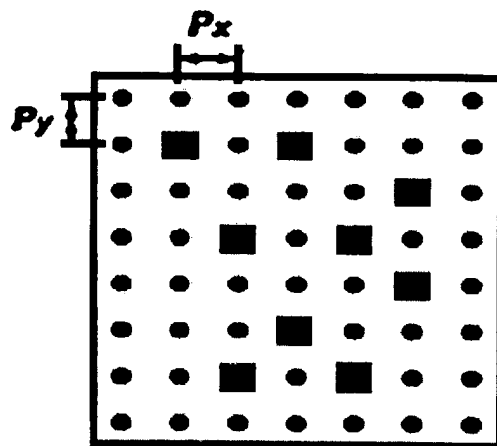
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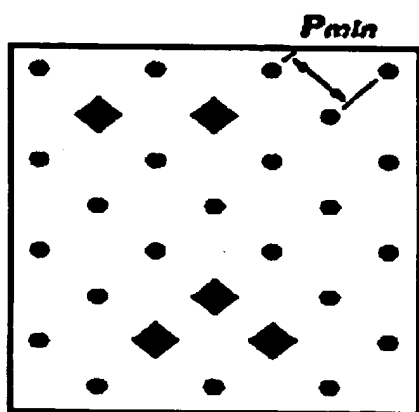
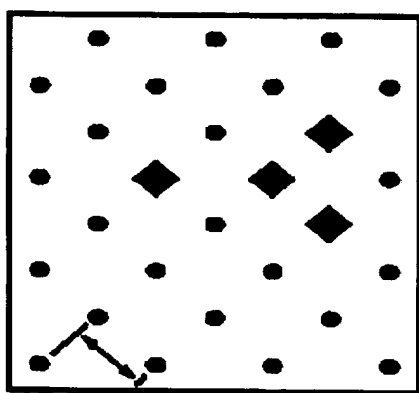
(a) Layout of contact level

FIG. 1a



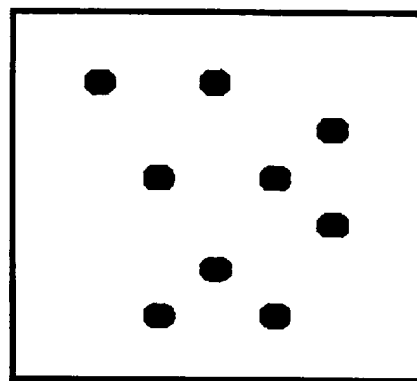
(b) Layout with assist contacts

FIG. 1b



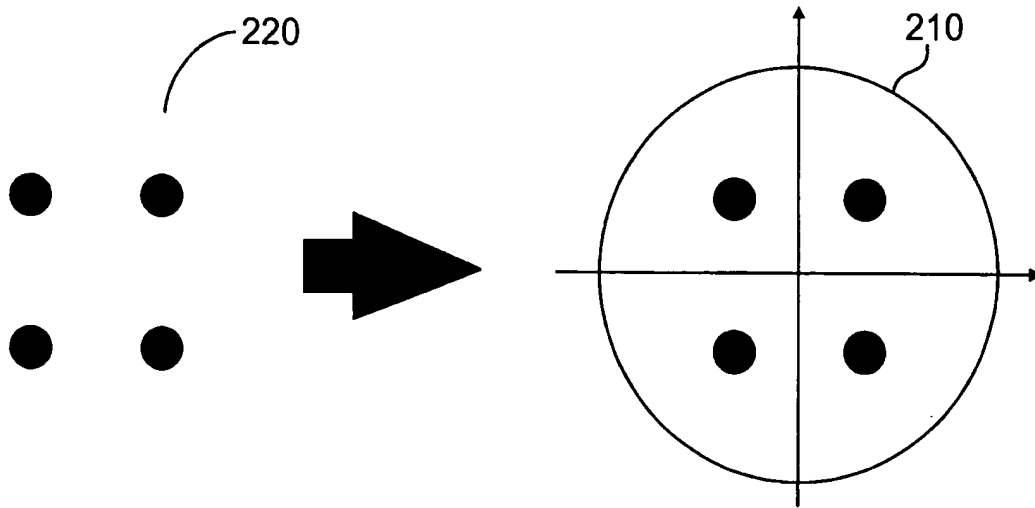
(c) Mask patterns for double exposure

FIG. 1c

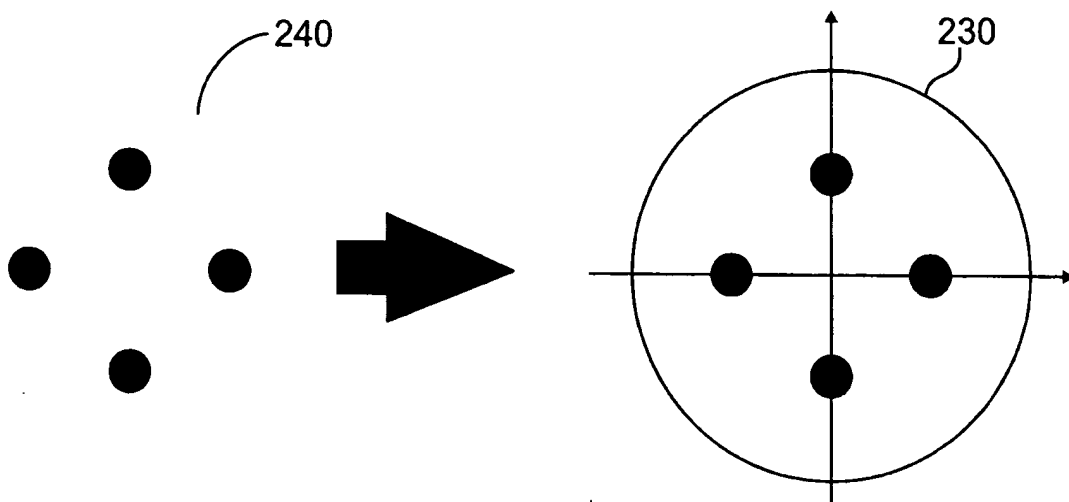


(d) Printed image

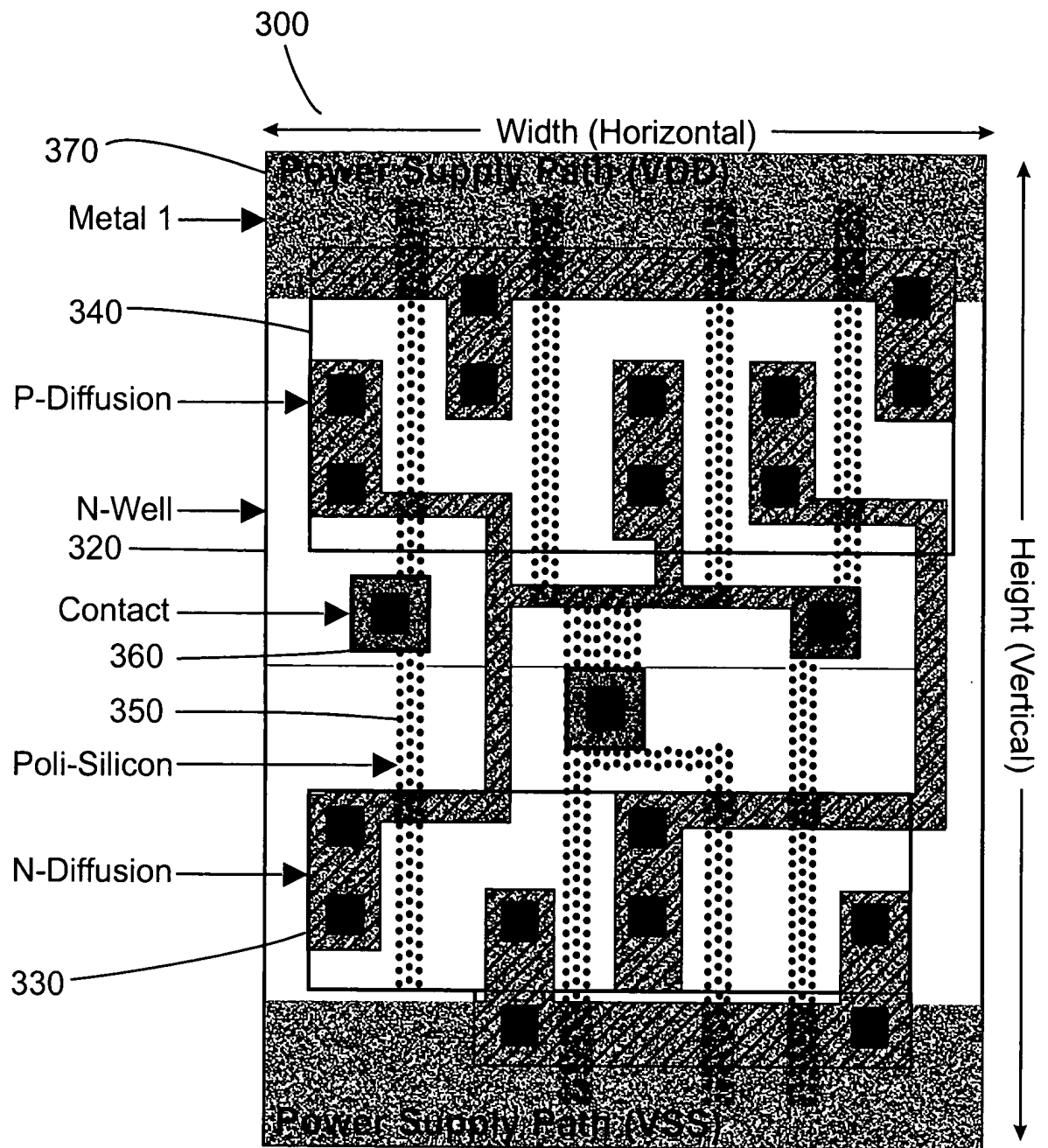
FIG. 1d



**Fig. 2a**



**Fig. 2b**



**Fig. 3**

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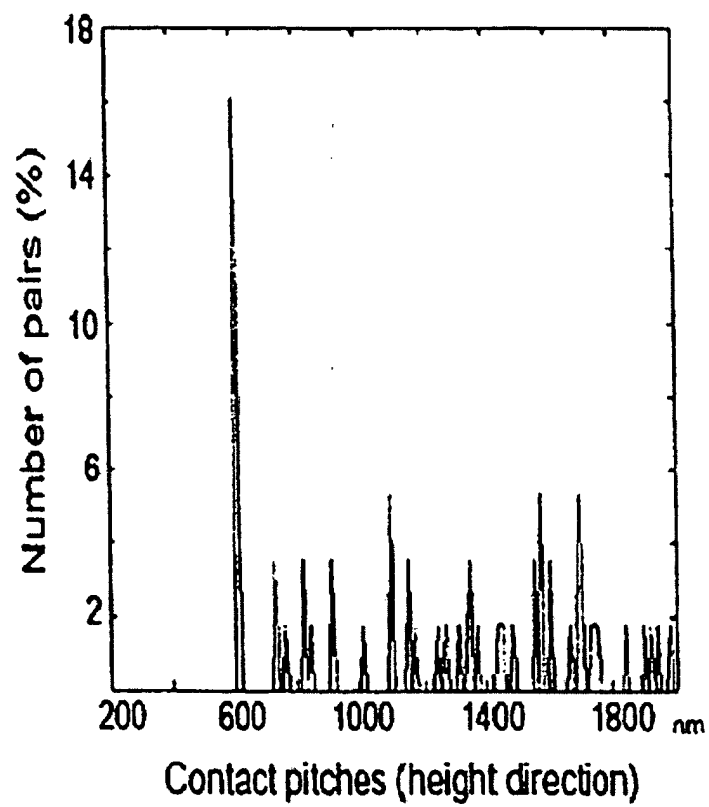


Fig. 4a

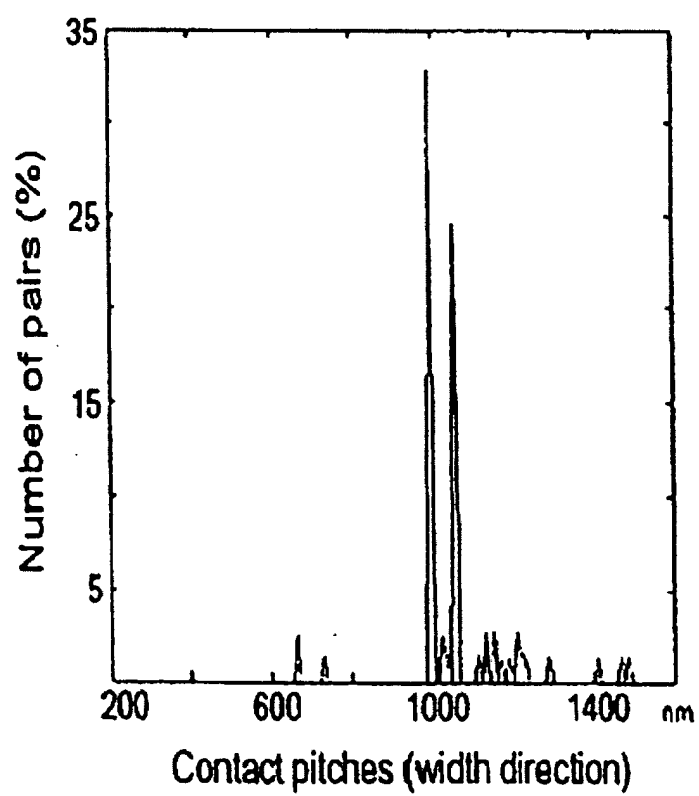


Fig. 4b